

SYSTEM AND METHODS FOR EVENT IMPACT ANALYSIS

ABSTRACT OF THE DISCLOSURE

5

A conventional business enterprise has a number of departments each depending on an information processing infrastructure. Operational anomalies in the information processing infrastructure may have a detrimental effect on one or more of the business processes. Depending on the reliance of each of the business processes on the

10 information processing infrastructure, a particular operational anomaly may have a different “chain reaction,” or cumulative indirect effect on business processes. A rule engine associates network events with the business processes which the network events impact. The rule engine identifies and processes relations between event-generating manageable entities on the network. The rule engine computes, based on the relations
15 between the various manageable entities, manageable entities having an effect on other manageable entities. Upon occurrence of an event, the rule engine employs the relations to determine which other manageable entities are indirectly affected by the event. The rule engine reports the event and affected manageable entities to identify the business processes which experience resulting operational deficiencies.

20